

TRANSMITTAL LETTER TO THE UNITED STATES  
DESIGNATED/ELECTED OFFICE (DO/EO/US)  
CONCERNING A FILING UNDER 35 U.S.C. 371ATTORNEY'S DOCKET NUMBER  
4003.003500

U.S. APPLICATION NO. 10/525571

INTERNATIONAL APPLICATION NO.  
PCT/US2003/041249INTERNATIONAL FILING DATE  
December 24, 2003PRIORITY DATE CLAIMED  
December 24, 2002

TITLE OF INVENTION: SCREENING METHODS USING ZEBRAFISH TO IDENTIFY THROMBOTIC AND ANTI-THROMBOTIC COMPOUNDS AND GENES

APPLICANT(S) FOR DO/EO/US: PUDUR JAGADEESWARAN

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
3. ☐ This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.
4. ☒ The US has been elected (Article 31).
5. ☒ A copy of the International Application as filed (35 U.S.C. 371(c)(2))
  - a. ☒ is attached hereto (required only if not communicated by the International Bureau).
  - b. ☐ has been communicated by the International Bureau.
  - c. ☒ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ☐ An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).
  - a. ☐ is attached hereto.
  - b. ☐ has been previously submitted under 35 U.S.C. 154(d)(4).
7. ☒ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
  - a. ☐ are attached hereto (required only if not communicated by the International Bureau).
  - b. ☐ have been communicated by the International Bureau.
  - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
  - d. ☒ have not been made and will not be made.
8. ☐ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9. ☐ An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
10. ☐ An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

## Items 11 to 20 below concern document(s) or information included:

11. ☐ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
12. ☐ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13. ☒ A preliminary amendment.
14. ☐ An Application Data Sheet under 37 CFR 1.76.
15. ☐ A substitute specification.
16. ☐ A power of attorney and/or change of address letter.
17. ☐ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825.
18. ☐ A second copy of the published international application under 35 U.S.C. 154(d)(4)
19. ☐ A second copy of the English language translation of the international application under 35 USC 154(d)(4)
20. ☒ Other items or information: Check; Postcard

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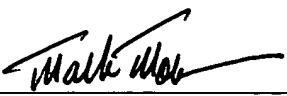
## CERTIFICATE OF EXPRESS MAILING

NUMBER EV 512314098 US

DATE OF DEPOSIT: FEBRUARY 22, 2005

I hereby certify that this paper or fee is being deposited with the United States Postal Service "EXPRESS MAIL POST OFFICE TO ADDRESSEE" service under 37 C.F.R. § 1.10 on the date indicated above and is addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

Signature

U.S. APPLICATION NO. (if known, see 37 CFR 4.15) <b>10/525371</b>		INTERNATIONAL APPLICATION NO. PCT/US2003/041249		ATTORNEY'S DOCKET NUMBER 4003.003500	
21. <input checked="" type="checkbox"/> The following fees are submitted:					
<input checked="" type="checkbox"/> a) Basic national fee				\$300.00	\$ 300.00
<input checked="" type="checkbox"/> b) Examination fee				\$200.00	\$ 200.00
<input checked="" type="checkbox"/> c) Search fee				\$500.00	\$ 500.00
<b>TOTAL OF ABOVE CALCULATIONS:</b>				\$1000.00	\$ 1000.00
<input checked="" type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.					
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)		RATE	
62 - 100 =	0	0		X \$250.00	\$ 0.00
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e)).					\$ 130.00
CLAIMS		NUMBER FILED		NUMBER EXTRA	RATE
Total claims		20 - 20 =		0	X \$ 50.00
Independent claims		8 - 3 =		5	X \$ 200.00
MULTIPLE DEPENDENT CLAIM(S) (if applicable)					+ \$360.00
<b>TOTAL OF ABOVE CALCULATIONS =</b>					\$ 2130.00
<input checked="" type="checkbox"/> Applicants claim small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.					\$2415.00
<b>SUBTOTAL =</b>					\$1065.00
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)).					\$
<b>TOTAL NATIONAL FEE =</b>					\$1065.00
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property					\$
<b>TOTAL FEES ENCLOSED =</b>					\$1065.00
					Amount to be: refunded \$ charged \$
a. <input checked="" type="checkbox"/> A check in the amount of \$1065.00 to cover the above fees is enclosed. b. <input type="checkbox"/> Please charge my Deposit Account No. 50-0786 in the amount of \$_____ to cover the above fees. A duplicate copy of this sheet is enclosed. c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 50-0786/4003.003500. A duplicate copy of this sheet is enclosed. d. <input type="checkbox"/> Fees are to be charged to a credit card. <b>WARNING:</b> Information on this form may become public. <b>Credit Card information should not be included on this form.</b> Provide credit card information and authorization on PTO-2038.					
<b>NOTE:</b> Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.					
<b>SEND ALL CORRESPONDENCE TO:</b> <b>CUSTOMER NO. 23720</b>  <b>WILLIAMS, MORGAN &amp; AMERSON, P.C.</b> 10333 Richmond, Suite 1100 Houston, Texas 77042 (713) 934-4084					
 SIGNATURE					
MARK D. MOORE PRINTED NAME					
Reg. No. 42,903 REGISTRATION NUMBER					
Date: FEBRUARY 22, 2005					